



400 Seventh Street, S.W.  
Washington, D.C. 20590

U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123

Case Vehicle (A): 1998 Plymouth  
 Type: Breeze, 4-door sedan  
 Driver: 22-year-old female  
 CDC: 12-FCEN-2

## **SITUATION**

(Slide 1) Case vehicle (A) was traveling west in the westbound lane of a gravel, two-lane roadway, (slide 2) with a speed limit of 89 kph (55 mph). It was daylight and cloudy, and the roadway was dry. The driver of case vehicle (A) reportedly saw another vehicle traveling east on the same roadway, straddling both the eastbound and westbound lanes, and attempted to avoid a collision by veering to the right. Case vehicle (A) began to fishtail in a clockwise direction. The driver attempted to regain control by steering left, but case vehicle (A) departed the roadway off the right shoulder and struck a tree with its front. Case vehicle (A) was towed due to damage. Both the driver and the right-front passenger were transported to a local hospital with police reported "A" injuries.

## **GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES**

(Slide 3) Damage to case vehicle (A) from the impact with the tree was moderate. The direct-damage length was 21 cm and began 53-cm inboard from the right-front bumper corner. The maximum crush to the bumper was 43 cm and occurred 28-cm inboard from the right-front bumper corner. There was no significant change in the left wheelbase, and the right wheelbase was reduced 2 cm.

Using the WinSMASH accident-reconstruction program and (slides 4, 5, 6) c-values for case vehicle (A), the following impact severity was calculated for the impact with the tree:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	26 (16)	-26 (-16)	0 (0)

## **DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)**

### **Exterior**

(Slides 7, 8, 9, 10) The front bumper, right headlight assembly, the grille, the right fender, and the bumper fascia were damaged by the impact with the tree. The hood was crushed, and the hood latch was damaged and jammed. Both hood hinges were damaged, but it did not separate. The rear edge of the hood was elevated, but did not contact the windshield. The windshield was damaged at the bottom right corner from the stress of impact. All doors remained closed and operational.

### **Interior**

(Slides 11, 12, 13, 14, 15 ) This vehicle was equipped with both steering-wheel and passenger frontal-impact airbags, which deployed during the frontal impact with the tree. No damage was noted to the airbag skins or (slides 16, 17, 18, 19, 20, 21) to the module doors/flaps. (Slide 22) There was no deformation of the steering-wheel rim or spokes. There was no rotation of the steering column. (Slides 23, 24, 25, 26, 27, 28) No damage was noted to the upper and mid instrument panels. Occupant contact marks were noted on the driver knee bolster. (Slides 29, 30) No contact points were noted on the left or right roof siderails, the left upper A-pillar, the windshield header/sunvisor, or the left-front door interior panel. There were no apparent intrusions of the passenger compartment.

## **OCCUPANT INJURIES AND KINEMATICS**

The 5-ft, 3-in, 187-lb, 22-year-old female driver (slides 31, 32) was wearing the available three-point belt, as indicated by a webbing imprint on the D-ring, and the steering-wheel airbag deployed. On impact, she moved forward into the three-point belt and the airbag. She sustained neck muscle strain, probably from impact forces. She also sustained an abrasion to her right medial forearm, probably from contact by the deploying airbag. (Slides 33, 34) No contact marks were noted on the airbag flaps. A light scuff mark was noted on the driver knee bolster, but no injury was reported that could be associated with it.

The 5-ft, 6 in, 135-lb, 35-year-old-male right-front passenger (slides 35, 36) was wearing the available three-point belt, as indicated by a webbing imprint on the D-ring, and the passenger frontal-impact airbag deployed. On impact, he moved forward into the three-point belt and the airbag. He sustained muscle strain in his lower back, probably from impact forces.

The following tables and (slide 37, 38) attached drawings summarize the injuries sustained by the two restrained occupants.

Restraints: 3-point belt worn; airbag deployed

Stature: 160 cm (5 ft, 3 in)

Mass: 85 kg (187 lb)

[illegible]

Occupant: Right front  
Restraints: 3-point belt worn; airbag deployed

Age: 35 years  
Stature: 168 cm (5 ft, 6 in)

Gender: Male  
Mass: 61 kg (135 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Strain, lower back	1		Impact forces	
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>1</u>			

Duplicate columns 1-8  
from the previous card.

Module G 1 Format 0 2  
9 10 11 12

## GENERAL INFORMATION GI-1

### TIME

DATE OF COLLISION

      /       /            

HOUR OF COLLISION

(24 HOUR CLOCK)

### LOCATION

STATE:                     

STATE FIPS CODE

AREA

- (1) URBAN  
(2) RURAL  
(9) UNKNOWN

25 26

2  
27

### ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
28

ROAD, TOTAL TRAFFIC LANES  
(FOR CASE VEHICLE)

- (1) 1-LANE  
(2) 2-LANES  
(3) 3-LANES  
(4) 4 OR MORE LANES  
(5) DIVIDED, 4 OR MORE LANES  
(6) PARKING LOT/DRIVEWAY  
(7) OTHER:                       
(9) UNKNOWN

2  
29

INTERSECTING RD, TOTAL LANES

CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

8  
30

TYPE OF ROAD SURFACE

- (1) ASPHALT  
(2) CONCRETE  
(3) GRAVEL  
(4) MORE THAN ONE (CIRCLE EACH)  
(7) OTHER:                       
(9) UNKNOWN

3  
31

ROAD DEFECTS

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
32

### ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO  
(1) YES  
(9) UNKNOWN

0  
33

ROAD ALIGNMENT  
VERTICAL PLANE

- (1) LEVEL  
(2) CREST OF HILL  
(3) SLOPE (2%)  
(4) BOTTOM OF HILL  
(9) UNKNOWN

1  
34

ROAD ALIGNMENT  
HORIZONTAL PLANE

- (1) STRAIGHT  
(2) CURVE  
(3) T - SHAPED  
(4) Y - SHAPED  
(7) OTHER:                       
(9) UNKNOWN

1  
35

SURFACE COVERING

- (10) DRY

- (21) WATER - DAMP  
(22) WATER - WET  
(23) WATER - PUDDLED  
(29) WATER - AMOUNT UNKNOWN

- (31) SNOW - LOOSE  
(32) SNOW - PACKED  
(39) SNOW - CONDITION UNKNOWN

- (41) ICE  
(51) SLUSH  
(61) SPILLED GRAVEL  
(71) OTHER:                       
(99) UNKNOWN

1 0  
36 37

VISIBILITY LIMITATION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) CLOUDY/DARK  
(2) FOG  
(3) SMOKE  
(4) WINDSHIELD CONDITION  
(5) GLARE  
(6) RAIN  
(7) OTHER:                       
(8) ICE/SNOW  
(9) UNKNOWN

0  
38

VISIBILITY OBSTRUCTION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) BUILDING  
(2) SIGN  
(3) VEGETATION (E.G. BUSHES, SHRUBS)  
(4) TREE  
(5) HILL OR CURVE IN ROAD  
(6) VEHICLE IN TRANSPORT  
(7) OTHER:                       
(8) PARKED VEHICLE  
(9) UNKNOWN

0  
39

## ENVIRONMENTAL CONDITIONS

**\_SPEED LIMIT**

- |     |                 |          |
|-----|-----------------|----------|
| (0) | 5-45 km/h ..... | 5-25 mph |
| (1) | 46-55 .....     | 30       |
| (2) | 56-60 .....     | 35       |
| (3) | 61-70 .....     | 40       |
| (4) | 71-79 .....     | 45       |
| (5) | 80-85 .....     | 50       |
| (6) | 86-90 .....     | 55       |
| (7) | 91-105 .....    | 60       |
| (8) | OVER 105 .....  | 65       |
| (9) | UNKNOWN         |          |

## PRECIPITATION

- (0) NONE  
(1) RAIN  
(2) SNOW  
(3) HAIL  
(4) FREEZING RAIN/SLEET  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

### RATE OF PRECIPITATION

- (1) LIGHT/MIST  
(2) MODERATE  
(3) HEAVY  
(8) NOT APPLICABLE  
(9) UNKNOWN

## TEMPERATURE

- (0) BELOW -15° C ..... BELOW 5° F  
 (1) -15 TO -6 ..... 5 TO 22  
 (2) -5 TO -1 ..... 23 TO 31  
 (3) 0 TO 2 ..... 32 TO 36  
 (4) 3 TO 5 ..... 37 TO 41  
 (5) 6 TO 15 ..... 42 TO 59  
 (6) 16 TO 25 ..... 60 TO 77  
 (7) 26 TO 35 ..... 78 TO 95  
 (8) OVER 35 ..... OVER 96  
 (9) UNKNOWN

## CROSSWIND

- (0) NONE  
(1) LIGHT  
(2) STRONG  
(3) GUSTY & STRONG  
(9) UNKNOWN

## LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

## MECHANICAL MALFUNCTION

WAS THERE MENTION  
OF A MECHANICAL MALFUNCTION  
IN CASE VEHICLE

- (0) NO  
(1) YES  
(2) YES, DID NOT CONTRIBUTE  
TO ACCIDENT  
(9) UNKNOWN

**THE FOLLOWING SECTION SHOULD BE FILLED  
OUT IF A MECHANICAL MALFUNCTION IS  
RECOGNIZED OR SUSPECTED.**

**CIRCLE ITEMS INVOLVED. SUPPORT ANY  
ITEMS CIRCLED WITH COMMENTS.**

## BRAKE SYSTEM DRIVER CONTROLS

## EXHAUST SYSTEM POWER TRAIN

STEERING SYSTEM                      FUEL SYSTEM

## SUSPENSION SYSTEM VISIBILITY ITEMS

ELECTRICAL SYSTEM	TIRES
1. BATTERY	1. TIRE CONDITION
2. ALTERNATOR	2. TIRE PRESSURE
3. FUSE BLOCK	3. TIRE ROTATION
4. WIRING	4. TIRE REPLACEMENT
5. LIGHTS	5. TIRE STORAGE
6. HORN	6. TIRE DISPOSAL
7. WINDSHIELD WIPERS	7. TIRE REPAIR
8. RADIO	8. TIRE ALIGNMENT
9. SPEAKERS	9. TIRE BALANCE
10. AIR CONDITIONING	10. TIRE VALVES
11. HEATER	11. TIRE TREAD
12. DEFROSTER	12. TIRE WEAR
13. POWER WINDOWS	13. TIRE SIZES
14. POWER LOCKS	14. TIRE SPEED
15. POWER MIRRORS	15. TIRE TEMPERATURE
16. POWER SEAT	16. TIRE WEIGHT
17. POWER STEERING	17. TIRE VIBRATION
18. POWER TRAILER BRAKE	18. TIRE NOISE
19. POWER DOOR LOCKS	19. TIRE SCUFFS
20. POWER FOLDING SEAT	20. TIRE CRACKS
21. POWER SUNROOF	21. TIRE BULGES
22. POWER TAILGATE	22. TIRE HOLE
23. POWER WINDOW	23. TIRE PUNCTURE
24. POWER LOCK	24. TIRE FLAT
25. POWER MIRROR	25. TIRE BLOWOUT
26. POWER SEAT	26. TIRE BURST
27. POWER STEERING	27. TIRE EXPLOSION
28. POWER TRAILER BRAKE	28. TIRE FIRE
29. POWER DOOR LOCKS	29. TIRE COLLAPSE
30. POWER FOLDING SEAT	30. TIRE DEFLATION
31. POWER SUNROOF	31. TIRE INFLATION
32. POWER TAILGATE	32. TIRE REINFLATION
33. POWER WINDOW	33. TIRE REPAIR KIT
34. POWER LOCK	34. TIRE REPAIR METHOD
35. POWER MIRROR	35. TIRE REPAIR LOCATION
36. POWER SEAT	36. TIRE REPAIR TIME
37. POWER STEERING	37. TIRE REPAIR COST
38. POWER TRAILER BRAKE	38. TIRE REPAIR RISK
39. POWER DOOR LOCKS	39. TIRE REPAIR BENEFIT
40. POWER FOLDING SEAT	40. TIRE REPAIR DECISION
41. POWER SUNROOF	41. TIRE REPAIR CHOICE
42. POWER TAILGATE	42. TIRE REPAIR ACTION
43. POWER WINDOW	43. TIRE REPAIR RESULT
44. POWER LOCK	44. TIRE REPAIR STATUS
45. POWER MIRROR	45. TIRE REPAIR HISTORY
46. POWER SEAT	46. TIRE REPAIR RECORD
47. POWER STEERING	47. TIRE REPAIR LOG
48. POWER TRAILER BRAKE	48. TIRE REPAIR DATA
49. POWER DOOR LOCKS	49. TIRE REPAIR ANALYSIS
50. POWER FOLDING SEAT	50. TIRE REPAIR SUMMARY
51. POWER SUNROOF	51. TIRE REPAIR CONCLUSION
52. POWER TAILGATE	52. TIRE REPAIR RECOMMENDATION
53. POWER WINDOW	53. TIRE REPAIR SUGGESTION
54. POWER LOCK	54. TIRE REPAIR ADVICE
55. POWER MIRROR	55. TIRE REPAIR HELP
56. POWER SEAT	56. TIRE REPAIR SUPPORT
57. POWER STEERING	57. TIRE REPAIR ASSISTANCE
58. POWER TRAILER BRAKE	58. TIRE REPAIR AID
59. POWER DOOR LOCKS	59. TIRE REPAIR SERVICE
60. POWER FOLDING SEAT	60. TIRE REPAIR CENTER
61. POWER SUNROOF	61. TIRE REPAIR SHOP
62. POWER TAILGATE	62. TIRE REPAIR BUSINESS
63. POWER WINDOW	63. TIRE REPAIR COMPANY
64. POWER LOCK	64. TIRE REPAIR FIRM
65. POWER MIRROR	65. TIRE REPAIR ENTERPRISE
66. POWER SEAT	66. TIRE REPAIR ORGANIZATION
67. POWER STEERING	67. TIRE REPAIR GROUP
68. POWER TRAILER BRAKE	68. TIRE REPAIR SOCIETY
69. POWER DOOR LOCKS	69. TIRE REPAIR CLUB
70. POWER FOLDING SEAT	70. TIRE REPAIR ASSOCIATION
71. POWER SUNROOF	71. TIRE REPAIR UNION
72. POWER TAILGATE	72. TIRE REPAIR LEAGUE
73. POWER WINDOW	73. TIRE REPAIR ORDER
74. POWER LOCK	74. TIRE REPAIR REQUEST
75. POWER MIRROR	75. TIRE REPAIR ORDER FORM
76. POWER SEAT	76. TIRE REPAIR ORDER SLIP
77. POWER STEERING	77. TIRE REPAIR ORDER BOOK
78. POWER TRAILER BRAKE	78. TIRE REPAIR ORDER FORMS
79. POWER DOOR LOCKS	79. TIRE REPAIR ORDER SLIPS
80. POWER FOLDING SEAT	80. TIRE REPAIR ORDER BOOKS
81. POWER SUNROOF	81. TIRE REPAIR ORDER FORMS
82. POWER TAILGATE	82. TIRE REPAIR ORDER SLIPS
83. POWER WINDOW	83. TIRE REPAIR ORDER BOOKS
84. POWER LOCK	84. TIRE REPAIR ORDER FORMS
85. POWER MIRROR	85. TIRE REPAIR ORDER SLIPS
86. POWER SEAT	86. TIRE REPAIR ORDER BOOKS
87. POWER STEERING	87. TIRE REPAIR ORDER FORMS
88. POWER TRAILER BRAKE	88. TIRE REPAIR ORDER SLIPS
89. POWER DOOR LOCKS	89. TIRE REPAIR ORDER BOOKS
90. POWER FOLDING SEAT	90. TIRE REPAIR ORDER FORMS
91. POWER SUNROOF	91. TIRE REPAIR ORDER SLIPS
92. POWER TAILGATE	92. TIRE REPAIR ORDER BOOKS
93. POWER WINDOW	93. TIRE REPAIR ORDER FORMS
94. POWER LOCK	94. TIRE REPAIR ORDER SLIPS
95. POWER MIRROR	95. TIRE REPAIR ORDER BOOKS
96. POWER SEAT	96. TIRE REPAIR ORDER FORMS
97. POWER STEERING	97. TIRE REPAIR ORDER SLIPS
98. POWER TRAILER BRAKE	98. TIRE REPAIR ORDER BOOKS
99. POWER DOOR LOCKS	99. TIRE REPAIR ORDER FORMS
100. POWER FOLDING SEAT	100. TIRE REPAIR ORDER SLIPS

THROTTLE CONTROLS UNKNOWN

OTHER: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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# GENERAL INFORMATION GI-3

## CRASH DETAILS

### CASE VEHICLE AND OBJECT

- (0) NO
- (1) YES
- (9) UNKNOWN

1  
47

### CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
- (1) YES, FIRST EVENT
- (2) YES, SUBSEQUENT EVENT
- (3) YES, SEQUENCE UNKNOWN
- (9) UNKNOWN

0  
48

### CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)

- (0) NO
- (1) YES
- (9) UNKNOWN

1  
49

### MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
50

### CASE VEHICLE AND CONTACTED STOPPED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
51

### STOPPED CASE VEHICLE AND CONTACTED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
52

### TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
- (9) UNKNOWN

0  
53

### ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
54

### HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY  
SEVERITY UNKNOWN
- (9) UNKNOWN

3  
55

## DRIVER IMPAIRMENT

### DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)

- (0) NONE
- (1) YES
- (9) UNKNOWN/NOT REPORTED/  
NO DRIVER

0  
56

### DRIVER ALCOHOL BAC (CASE VEHICLE)

- (80) NO TEST
- (90) CHEMICAL TESTS, NO RESULTS
- (95) AUTOPSY, NO RESULTS
- (99) UNKNOWN

80  
57 58

### WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
59

### LIST IMPAIRMENTS MENTIONED:

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## Post - CRASH DETAIL

### MANNER CASE VEHICLE LEFT SCENE

- (1) DRIVEN
- (2) TOWED DUE TO DAMAGE
- (3) TOWED, NOT DUE TO DAMAGE
- (4) TOWED, REASON UNKNOWN
- (9) UNKNOWN

2  
60

# ACCIDENT SCHEMATIC

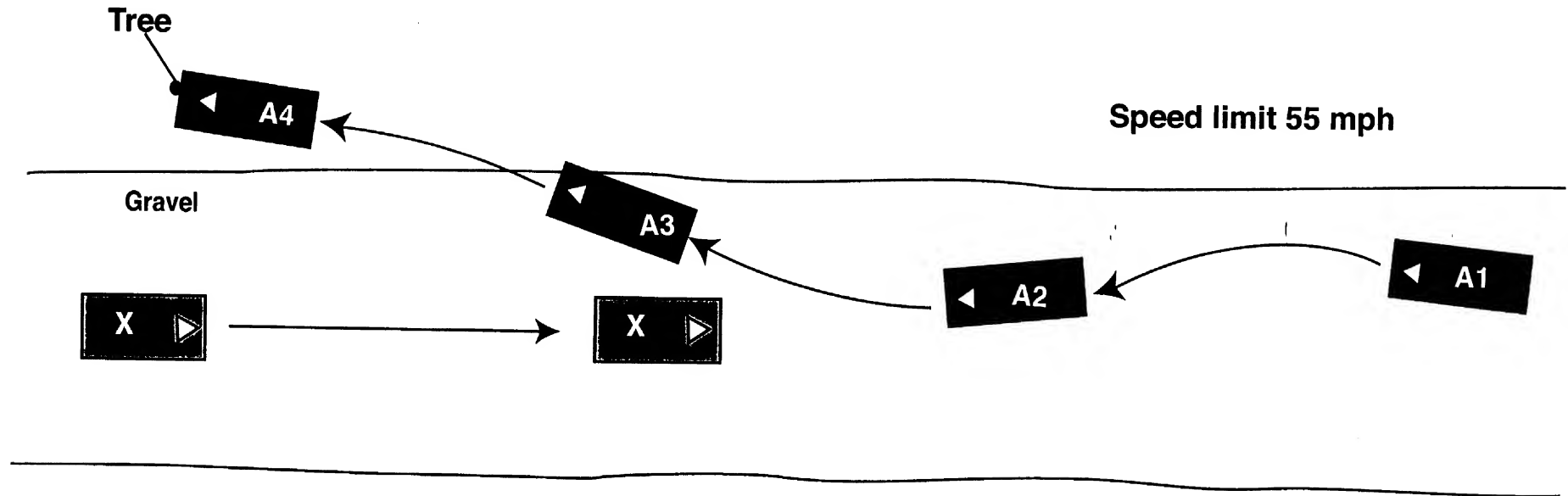
ACCIDENT DESCRIPTION: Case vehicle (A) was traveling west on a 2-lane gravel roadway. The driver of case vehicle (A) reportedly saw another vehicle traveling east on the same roadway, straddling both the eastbound and westbound lanes. The driver of case vehicle (A) attempted to avoid a collision by veering right. Case vehicle (A) began to fishtail in a clockwise direction. The driver attempted to regain control by steering left, but case vehicle (A) departed the roadway off the right shoulder and struck a tree with its front.

CASE VEHICLE (A): 1998 Plymouth Breeze  
 OTHER VEHICLE (B): \_\_\_\_\_  
 THIRD VEHICLE (C): \_\_\_\_\_

G/4



NORTH



Duplicate columns 1-8  
from the previous card.

Module O V Format 0 4  
9 10 11 12

OTHER VEHICLE OV-1

MAKE: \_\_\_\_\_  
MODEL: \_\_\_\_\_

CARGO: \_\_\_\_\_

VIN

13

29

MANUFAC/BODY CODE

30

34

MAKE/MODEL CODE

38

MODEL YEAR

N/A

39

42

VEHICLE MASS (kg)

43

48

IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER

NUMBER OF OCCUPANTS  
(ENTER 9'S IF UNKNOWN)

51

TRAVELING SPEED (km/h)

54

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE

- (0) O - NO INJURY  
(1) C - POSSIBLE INJURY  
(2) B - NON-INCAPACITATING INJURY  
(3) A - INCAPACITATING INJURY  
(4) K - FATAL  
(5) INJURED, SEVERITY UNKNOWN  
(6) DIED PRIOR TO ACCIDENT  
(7) NON-FATAL INJURY  
SEVERITY UNKNOWN  
(8) UNOCCUPIED VEHICLE  
(NOT APPLICABLE)  
(9) UNKNOWN

55

### VEHICLE TYPE

#### PASSENGER VEHICLE

- (02) LARGE  
(03) LIMOUSINE  
(17) PICKUP CAR  
(20) UNKNOWN PASSENGER VEHICLE BODY  
(24) SUB-MINI  
(25) MINI  
(26) SUB-COMPACT  
(27) COMPACT  
(28) INTERMEDIATE  
(29) FULL

56

57

#### MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)  
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(17) PICKUP CAR WITH CANOPY/SHELL COVER  
(21) MOTOR HOME  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(23) PICKUP CAR WITH SLIDE-IN CAMPER  
(31) CHASSIS-MOUNTED CAMPER

#### TRUCK

- (11) VAN  
(12) PICKUP TRUCK  
(13) UNKNOWN LIGHT TRUCK  
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(30) UNKNOWN TRUCK TYPE  
(31) CHASSIS-MOUNTED CAMPER  
(33) DELIVERY VAN (WALK-IN)  
(34) STRAIGHT TRUCK  
(35) TRUCK-TRACTOR (BOBTAIL)  
(36) CHASSIS-CAB  
(37) UNKNOWN HEAVY TRUCK  
(38) TRACTOR & SEMI-TRAILER (SEMI)  
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

#### BUS

- (40) UNKNOWN BUS TYPE  
(41) SCHOOL BUS  
(42) INTERCITY BUS (BETWEEN CITIES)  
(43) TRANSIT BUS (INTRACITY)  
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)  
(69) LOCOMOTIVE (ENGINE, SWITCHER)

- (99) UNKNOWN

#### WHEELBASE (cm)

- (999) UNKNOWN

58 59 60

Duplicate columns 1-8  
from the previous card.

Module 0 V Format 0 2  
9 10 11 12

OTHER VEHICLE OV-2

### ORIGINAL SPECIFICATIONS

Wheelbase	_____ cm	Front Overhang	_____ cm
		22 _____ 24	
Curb Weight	_____ kg	Rear Overhang	_____ cm
		25 _____ 27	
Average Track Width	_____ cm	Undeformed End Width (UEW)	_____ cm
	13 _____ 15	28 _____ 30	
Overall Length	_____ cm	Engine Displacement	_____ L
	16 _____ 18	31 _____ 32	
Overall Width (OAW)	_____ cm	Engine: # of Cylinders	_____
	19 _____ 21	33 _____ 34	

### VEHICLE DAMAGE

N/A

### FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) \_\_\_\_\_ cm  
35 \_\_\_\_\_ 37

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$  \_\_\_\_\_ %  
38 39

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$  \_\_\_\_\_ %  
40 41

Duplicate columns 1-8  
from the previous card.

Module V D Format 0 4  
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: Plymouth  
MODEL: Breeze

CARGO: None

VIN 1 P 3 E J 4 6 C 2 W N [REDACTED]  
13 29

MANUFAC/BODY CODE 23428  
30 34

MAKE/MODEL CODE 0506  
38

MODEL YEAR 1998  
39 42

VEHICLE MASS (kg) 001328  
43 48

ODOMETER (km)  
(ENTER 9'S IF UNKNOWN) 888888  
(ENTER 8'S IF ELECTRONIC) 49 54

NUMBER OF OCCUPANTS 02  
(ENTER 9'S IF UNKNOWN) 56

TRAVELING SPEED (km/h) 999  
59

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)  
(12) 2-DOOR SEDAN OR COUPE  
(ANY UPPER B-PILLAR)  
(13) 4-DOOR HARDTOP  
(14) 4-DOOR SEDAN  
(15) STATION WAGON  
(16) CONVERTIBLE  
(18) OTHER PASS. VEH. :  
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)  
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(23) VAN, SIZE UNKNOWN  
(24) VAN, SMALL (MINI)  
(25) VAN, LARGE  
(29) MPV, TYPE UNKNOWN  
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN  
(32) PICKUP TRUCK, SMALL (DOWNSIZED)  
(33) PICKUP TRUCK, LARGE

(99) UNKNOWN

14  
60 61

STOLEN VEHICLE

- (0) NO  
(1) YES  
(8) NOT COLLECTED  
(9) UNKNOWN

8  
62

BODY STRUCTURE

- (1) BODY & FRAME  
(2) UNITIZED  
(3) INTEGRAL-STUB FRAME  
(4) BODY & PLATFORM FRAME  
(E.G. VW BUG)  
(5) PARTIALLY UNITIZED  
(7) OTHER:   
(9) UNKNOWN

2  
63

TRANSMISSION

- (0) NONE  
(1) AUTOMATIC  
(2) MANUAL  
(9) UNKNOWN

1  
64

LOCATION OF TRANSMISSION  
SELECTOR LEVER

- (1) FLOOR  
(2) CONSOLE  
(3) COLUMN  
(7) OTHER:   
(9) UNKNOWN

2  
65

STEERING

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

1  
66

BRAKES

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

1  
67

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2  
68

WHEELBASE (cm)  
(999) Unknown

274  
76 77 78

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

0  
69

PLASTIC ANTI-LACERATIVE  
INNER-LAYER GLASS EQUIPPED

- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0  
79

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
70

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

2  
71

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-  
LINING NEW PERIMETER OF VEHICLE  
AND SHADING THE DAMAGED AREAS ON  
THE LARGE SKETCH ON PAGE VD-3.  
USE AS MANY SKETCHES AS NECESSARY  
TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE  
SKETCH(ES) MEASURED TO THE POINT  
OF MAXIMUM PENETRATION BY THE  
OBJECT(S) CONTACTED. USE THE  
EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE  
CENTER OF THE WHEELS (WHEELBASE,  
FRONT AND REAR OVERHANGS) ON BOTH  
SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY  
TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
72

ORIGINAL TYPE  
OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: \_\_\_\_\_
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3  
73

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

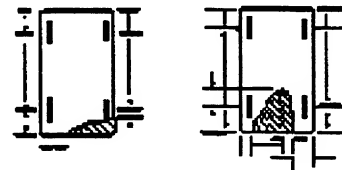
0  
74

TYPE OF ROOF

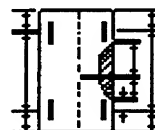
- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
75

FRONT OR REAR



SIDE



ROOF (REFERENCE TO  
TOP OF DOOR SILL  
OR WINDOW SILL)



Duplicate columns 1-8  
from the previous card.

Module V D Format 0 2  
9 10 11 12

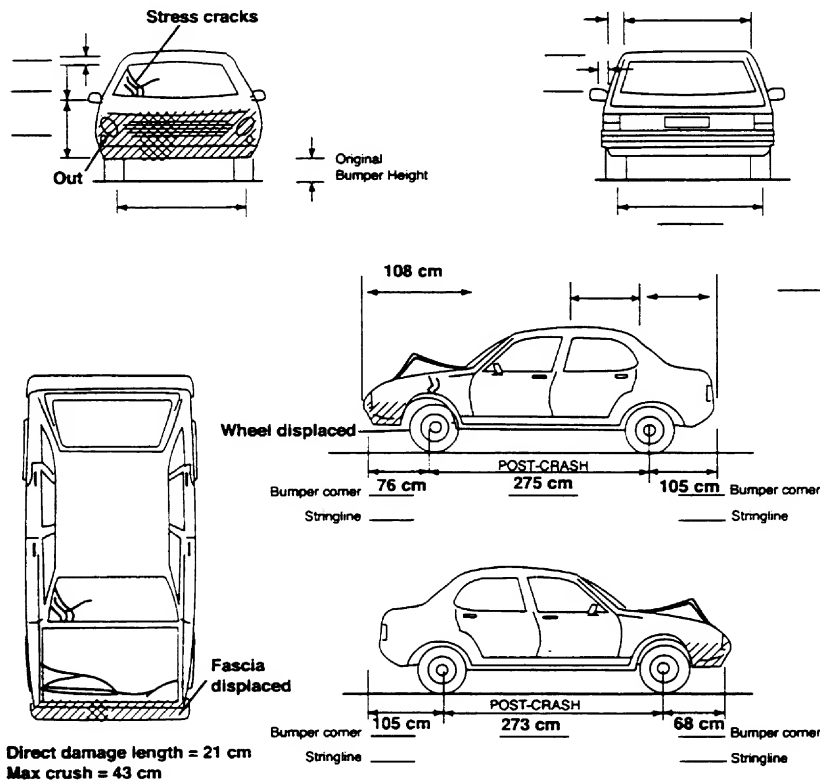
# VEHICLE DESCRIPTION VD-3

## ORIGINAL SPECIFICATIONS

Wheelbase	<u>274</u> cm	Front Overhang	<u>095</u> cm
Curb Weight	<u>1328</u> kg	Rear Overhang	<u>105</u> cm
Average Track Width	<u>153</u> cm	Undeformed End Width (UEW)	<u>150</u> cm
Overall Length	<u>473</u> cm	Engine Displacement	<u>2.0</u> L
Overall Width (OAW)	<u>180</u> cm	Engine: # of Cylinders	<u>04</u>

## VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



## FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

021 cm

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$

99 %

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$

99 %

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 2  
9 10 11 12

DAMAGE DA-1

## PRIMARY

### CASE VEHICLE PRIMARY CDC

### CONTACTED VEHICLE ASSOCIATED CDC

EVENT NUMBER

1  
13  
999  
14 15 16

998  
35 36 37  
8

IMPACT SPEED (km/h)

ESTIMATED BY

1  
17  
043  
18 19 20

998  
38  
39 40 41

CRUSH (cm)

CDC #1

12 FCEN 2  
21 27

98 0000 0  
42 48

CDC #2

98 0000 0  
28 34

98 0000 0  
49 55

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 3  
9 10 11 12

## SECONDARY

### CASE VEHICLE SECONDARY CDC

### CONTACTED VEHICLE ASSOCIATED CDC

EVENT NUMBER

8  
13

IMPACT SPEED (km/h)

14 15 16

35 36 37

ESTIMATED BY

17

38

CRUSH (cm)

18 19 20

39 40 41

CDC #1

21 - - - - - 27

42 - - - - - 48

CDC #2

28 - - - - - 34

49 - - - - - 55

## CODES

### EVENT NUMBER

(8) NOT APPLICABLE  
(9) UNKNOWN

### IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR  
(2) DRIVER  
(3) POLICE  
(4) "CRASH" PROGRAM  
(5) OTHER COMPUTER PROGRAM  
SPECIFY: \_\_\_\_\_  
(7) OTHER: \_\_\_\_\_  
(8) NOT APPLICABLE  
(NO VEHICLE/NO IMPACT)

### CRUSH

(998) NOT APPLICABLE  
(NO VEHICLE/DAMAGE)  
(999) UNKNOWN

### IMPACT SPEED

(998) NOT APPLICABLE  
(999) UNKNOWN

### CDC

(9800000) NOT APPLICABLE  
(9900000) UNKNOWN



Duplicate columns 1-8  
from the previous card.

Module D A Format 0 1  
9 10 11 12

DAMAGE DA-2

### MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 043  
13 15

RIGHT SIDE 000  
16 18

REAR 000  
19 21

LEFT SIDE 000  
22 24

ROOF 000  
25 27

OTHER 000  
28 30

### CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER  
IS UNKNOWN, EVENT  
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE  
TO BE IN CHRONOLOGICAL ORDER?

1  
31

(0) NO  
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>3</u> 32	<u>17</u> 34	<u>77</u> 36
#2	<u>   </u> 37	<u>   </u> 39	<u>   </u> 41
#3	<u>   </u> 42	<u>   </u> 44	<u>   </u> 46
#4	<u>   </u> 47	<u>   </u> 49	<u>   </u> 51
#5	<u>   </u> 52	<u>   </u> 54	<u>   </u> 56
#6	<u>   </u> 57	<u>   </u> 59	<u>   </u> 61
#7	<u>   </u> 62	<u>   </u> 64	<u>   </u> 66

CODES FOR  
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

## OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

## ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

## UNKNOWN

- (99) IMPACT TYPE UNKNOWN

## CODES FOR VEHICLE/OBJECT CONTACTED

## VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

## PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

## SIZE

## WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

## MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

## TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

## BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

## MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

## SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

## OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING  
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM  
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE  
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES



Duplicate columns 1-8  
from the previous card.

Module C R Format 0 1  
9 10 11 12

# CRASH RECONSTRUCTION CR-1

for  $\Delta V$

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u>47</u>	
$\Delta V$ (km/h) TOTAL	<u>026</u> 14 15 16	<u>888</u> 32 33 34	<u>    </u> 48 49 50	<u>    </u> 66 67 68
LONGITUDINAL*	<u>-026</u> 17 20	<u>8888</u> 35 38	<u>    </u> <u>    </u> <u>    </u> <u>54</u> 51	<u>    </u> <u>    </u> <u>    </u> <u>72</u> 69
LATERAL*	<u>+000</u> 21 24	<u>8888</u> 39 42	<u>    </u> <u>    </u> <u>    </u> <u>58</u> 55	<u>    </u> <u>    </u> <u>    </u> <u>76</u> 73
*NOTE: THESE $\Delta V$ COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = <u>+010</u> -7 km/h = <u>-007</u>				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0038</u> 25 28 37921	<u>8888</u> 43 46	<u>    </u> <u>    </u> <u>    </u> <u>62</u> 59	<u>    </u> <u>    </u> <u>    </u> <u>80</u> 77
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u>    </u> <u>    </u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY	<u>2</u> 31		<u>    </u> 65	
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINSMAH</u>				

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 2  
9 10 11 12

# CRASH RECONSTRUCTION CR-2

for EBS

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u>47</u>		
EBS (km/h) TOTAL	<u>026</u> 14 15 16	<u>888</u> 32 33 34		<u>    </u> 48 49 50	<u>    </u> 66 67 68	
LONGITUDINAL *	<u>- 026</u> 17 20	<u>8888</u> 35 38		<u>    </u> 51 54	<u>    </u> 69 72	
LATERAL *	<u>+ 000</u> 21 24	<u>8888</u> 39 42		<u>    </u> 55 58	<u>    </u> 73 76	
* NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = <u>+ 010</u> -7 km/h = <u>- 007</u>						
ENERGY DISSIPATED BY CRUSH (kj)	<u>0038</u> 25 28 <u>37921</u>	<u>8888</u> 43 46		<u>    </u> 59 62	<u>    </u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30			<u>    </u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/ OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE	<u>2</u> 31			<u>    </u> 65		
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WIN SMASH</u>						

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 3  
9 10 11 12

# CRASH RECONSTRUCTION CR-3

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
  2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
  3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
  4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

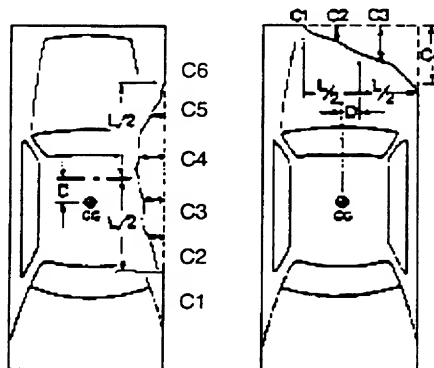
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Begins - 53 cm from front bumper corner	BC. to B.C.

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown



DL 21  
UDL 129

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	$C_1$	$C_2$	$C_3$	$C_4$	$C_5$	$C_6$	$\pm D$
		Length (DDL)	Max Crush								
1	Bumper	21	45	140	17	15	21	41	31	27	+11
	-Free space		-2		25	12	2	2	12	25	
					0	2	19	39	19	2	
1	1	021	043	140	000	002	019	039	019	002	+011
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Stringline set + 369-cm from rear axle

Max crush is +2 cm from C4

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 4  
9 10 11 12

# CRASH RECONSTRUCTION CR-4

## NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

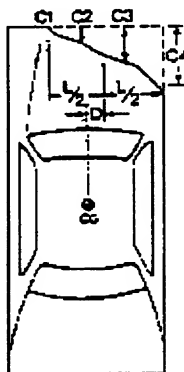
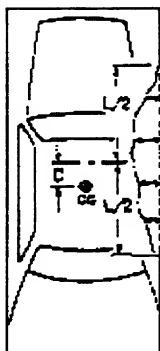
OTHER VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

N/A



DL \_\_\_\_\_

UDL \_\_\_\_\_

## PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
		Length (DDL)	Max Crush								
1											
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											



Duplicate columns 1-8  
from the previous card.

Module W 9 T 10 Format 0 1  
11 12

# WHEELS AND TIRES

WT-1

## WHEELS--DAMAGED

- (0) NO  
(1) YES  
(9) UNKNOWN

LF

0  
13

RF

0

RR

0

LR

0  
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF

P19575R14  
25

RF

P19575R14  
35

RR

P19575R14  
45

LR

P19575R14  
55

## TIRE TREAD TYPE

- (1) REGULAR  
(2) SNOW  
(3) SLICKS  
(4) ALL WEATHER (MS)  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF

4  
17

RF

4

RR

4

LR

4  
20

## CARCASS CONSTRUCTION

- (1) BIAS  
(2) BELTED BIAS  
(3) RADIAL  
(4) ELLIPTICAL  
(5) HI PRESSURE SPARE  
(6) SPACE SAVER SPARE  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF

3  
21

RF

3

RR

3

LR

3  
24

IF VEHICLE IS EQUIPPED WITH DUAL  
WHEELS, COMPLETE FOR OUTER WHEELS  
AND MAKE NOTES ON INNER WHEELS.

NOTES: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Duplicate columns 1-8  
from the previous card.

Module F T Format 0 1  
9 10 11 12

# FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL (1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN	<u>1</u> 13	AUXILIARY TANK TYPE (1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>8</u> 21
MAIN TANK LOCATION	<u>322</u> 14 16	AUXILIARY TANK LOCATION	<u>888</u> 22 24
MAIN FILLER CAP LOCATION	<u>113</u> 17 19	AUXILIARY FILLER CAP LOCATION	<u>888</u> 25 27
MAIN TANK MATERIAL	<u>3</u> 20	AUXILIARY TANK MATERIAL	<u>8</u> 28

## TANK AND FILLER CAP LOCATION CODES

### FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

## TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F L Format 0 1  
9 10 11 12

FUEL LEAKAGE FL-1

# DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.



LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	<u>14</u> <u>15</u>	—	—	—	— —	<u>21</u>
#2	<u>22</u> <u>23</u>	—	—	—	— —	<u>29</u>
#3	<u>30</u> <u>31</u>	—	—	—	— —	<u>37</u>
#4	<u>38</u> <u>39</u>	—	—	—	— —	<u>45</u>
#5	<u>46</u> <u>47</u>	—	—	—	— —	<u>53</u>

## I LEAKING COMPONENT

### TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

### DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

### EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

### EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

## II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

## III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## V LOCATION OF LEAK

### FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F R Format 0 1  
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.

13

DID FIRE START IN CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR  
(2) MODERATE  
(3) SEVERE  
(9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE  
(2) SLOW/MODERATE  
(9) UNKNOWN

15

DID AN INJURY TO CASE  
VEHICLE OCCUPANT RESULT FROM  
FIRE IN OR ON CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

# - HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

13

-DAMAGED

14

-JAMMED

15

HOOD HINGES- -LEFT, DAMAGED

16

-LEFT, SEPARATED  
(COMPLETE)

17

-RIGHT, DAMAGED

18

-RIGHT, SEPARATED  
(COMPLETE)

19

HOOD REMAINED ON VEHICLE

20

REAR EDGE OF HOOD- -ELEVATED

21

-CONTACTED WINDSHIELD

22

-PENETRATED WINDSHIELD

23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
- (2) COWL AREA
- (3) SIDE
- (8) NOT APPLICABLE
- (9) UNKNOWN

24

# STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
- (1) FLEXIBLE MATERIAL
- (2) POT
- (3) SINGLE U-JOINT
- (4) DOUBLE U-JOINT
- (5) FLEXIBLE CABLE
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OTHER: \_\_\_\_\_
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN, IF EQUIPPED

9  
26

COUPLING-

-DAMAGED

9  
27

(USE CODES  
FROM HOOD  
PERFORMANCE)

-SEPARATED  
(COMPLETE)

9  
28

# ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
- (01) - (07) SEE UNITS ON PAGE ED-2
- (88) NOT COLLECTED
- (97) OTHER: \_\_\_\_\_
- (98) EQUIPPED, TYPE UNKNOWN
- (99) UNKNOWN IF EQUIPPED

8 8  
29 30

ORIGINAL LENGTH (mm)

F (OR H): \_\_\_\_\_

TELESCOPED LENGTH (mm)

G: \_\_\_\_\_

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO  
COMPRESSION
- (992) COMPRESSED, AMOUNT  
UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT  
EQUIPPED)
- (999) UNKNOWN

8 8 8  
31 32 33

# ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
- (1) YES
- (9) UNKNOWN

25

## LEFT-SIDE BODY MOUNT

- DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 34

## LEFT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION  
 (2) DOOR-LATCH SEPARATION  
 (3) LATCH-STRIKER SEPARATION  
 (4) STRIKER-PILLAR SEPARATION  
 (5) BODY DISTORTION  
 (6) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (7) OPENED, REASON UNKNOWN  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

## LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

⊕  
 35

LOWER

⊕  
 36

-B-PILLAR, UPPER

⊕  
 37

LOWER

⊕  
 38

-C-PILLAR, UPPER

⊕  
 39

LOWER

⊕  
 40

-D-PILLAR, UPPER

8  
 41

LOWER

8  
 42

-FRONT

⊕  
 43

-REAR

⊕  
 44

## DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

⊕  
 45

-REAR

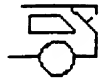
⊕  
 46

## REAR DOOR

## REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

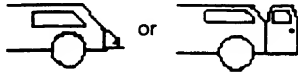
Hatchback



One-way



Two-way



Clamshell



Single door



Double door

HOW DID DOOR  
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

## OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

## DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

①  
47

8  
48

8  
49

## OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA  
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8  
50

## SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
51

## TRAILER HITCH TYPE

- (0) NO HITCH

## BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

## OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

①  
52

TRAILER TYPE  
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: \_\_\_\_\_
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

①  
53

## RIGHT-SIDE BODY MOUNT

- DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
54

## RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

⊖  
55

LOWER

⊖  
56

-B-PILLAR, UPPER

⊖  
57

LOWER

⊖  
58

-C-PILLAR, UPPER

⊖  
59

LOWER

⊖  
60

-D-PILLAR, UPPER

8  
61

LOWER

8  
62

## RIGHT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION  
 (02) DOOR-LATCH SEPARATION  
 (03) LATCH-STRIKER SEPARATION  
 (04) STRIKER-PILLAR SEPARATION  
 (05) BODY DISTORTION  
 (06) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (07) OPENED, REASON UNKNOWN  
 (11) VAN RIGHT-REAR DOOR OPENED  
 (ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

-FRONT

⊖ ⊖  
63 64

-REAR

⊖ ⊖  
65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

⊖  
67

-REAR

⊖  
68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR  
 (1) TRACK (SLIDING) - RIGHT SIDE  
 (2) SINGLE-HINGED - RIGHT SIDE  
 (3) DOUBLE-HINGED - RIGHT SIDE  
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE  
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE  
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE  
 (7) TRACK AND HINGED COMBINATION  
 (8) NOT APPLICABLE (NOT A VAN)  
 (9) UNKNOWN

8  
69



## WINDSHIELD DAMAGE

## WINDSHIELD CRACKED

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

WINDSHIELD BROKEN  
(PLASTIC INTERLAYER TORN)

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

CRACKED OR BROKEN  
BY OCCUPANT CONTACT

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

## EXTENT OF BOND SEPARATION

- (0) NONE  
 (1) 1 - 20%  
 (2) 21 - 40  
 (3) 41 - 60  
 (4) 61 - 80  
 (5) 81 - 99  
 (6) TOTAL  
 (7) SEPARATED, AMOUNT  
 UNKNOWN  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

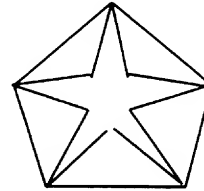
↓  
70

⊙  
71

⊙  
72

⊙  
73

WINDSHIELD MARK ON CASE VEHICLE:



**SAFEGUARD**  
**DOT 18 PPG M406T AS 1**

WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED  
 (98) NOT APPLICABLE (NO WINDSHIELD)  
 (99) UNKNOWN

**97**  
74 75

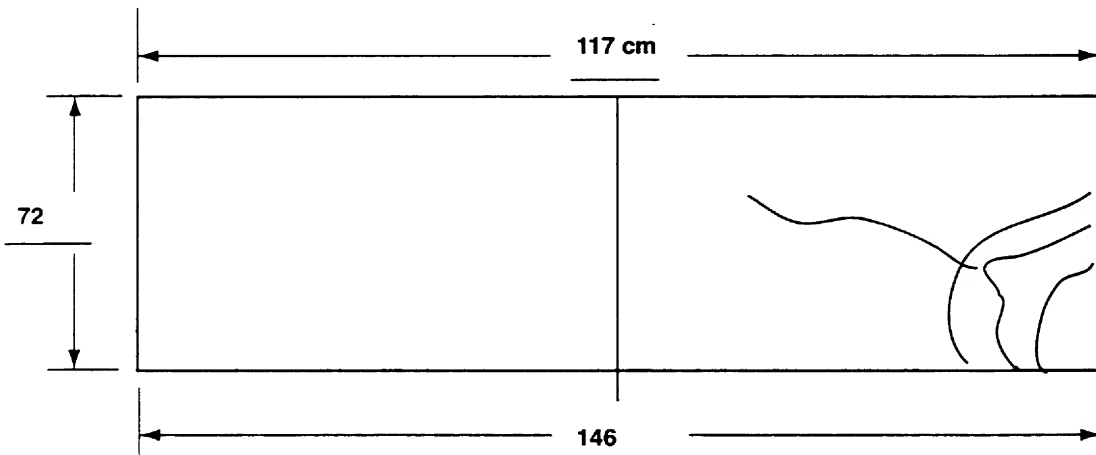
## Roof

DID T-ROOF/SUN ROOF OPEN  
DURING COLLISION?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (NOT A T-ROOF OR SUN ROOF)  
 (9) UNKNOWN

**8**  
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL  
 & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



## STEERING WHEEL

### STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

①  
13

### NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

3  
14

### STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

①  
15

### STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE  
NORMAL TOP OF THE WHEEL POINTED  
WHEN THE COLLISION OCCURRED?

#### EXAMPLES

O'CLOCK = 12



(NORMAL STRAIGHT  
AHEAD)

O'CLOCK = 02



O'CLOCK = 10

per driver

(99) UNKNOWN

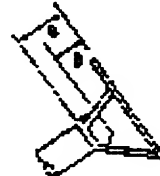
## STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:



BARRACUDA, 70 - 74  
CHALLENGER, 70 - 74  
CAPRI, 71 - 77

(2) EXAMPLES:



OMNI, 78 -  
HORIZON, 78 -

## STEERING COLUMN OPTIONS

### TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

2  
16

### SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

①  
17

### TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

①  
18

### TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: \_\_\_\_\_
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8  
19

### ORIGINAL DIMENSION (mm)

A: \_\_\_\_\_

### DAMAGE DIMENSION (mm)

B: \_\_\_\_\_

### DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8  
20 22

## STEERING COLUMN

## ENERGY ABSORBING DEVICE

TYPE OF DEVICE \* (IF 27 OR 28)

- (00) NOT EQUIPPED  
 (88) NOT COLLECTED  
 (99) UNKNOWN

ORIGINAL LENGTH (mm)

C: \_\_\_\_\_

COMPRESSED LENGTH (mm)

D: \_\_\_\_\_

BRACKET DEFLECTION (IF CODE 36, 48,  
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE:  $\pm 10$ )

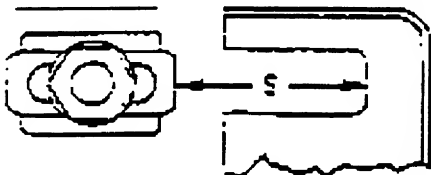
- (888) NOT COLLECTED  
 (991) NOT MEASURED/NO APPARENT  
 COMPRESSION  
 (992) COMPRESSED, AMOUNT UNKNOWN  
 (993) DEVICE EXTENDED  
 (997) UNABLE TO BE MEASURED  
 (998) NOT APPLICABLE (NOT EQUIPPED)  
 (999) UNKNOWN

\* (ADD A &amp; B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT &amp; RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED  
 (991) NOT MEASURED/NO APPARENT  
 SEPARATION  
 (992) SEPARATED, AMOUNT UNKNOWN  
 (997) UNABLE TO BE MEASURED  
 (998) NOT APPLICABLE (NOT EQUIPPED)  
 (999) UNKNOWN

## COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION  
 (1) UPWARD APPARENT ROTATION  
 (2) DOWNWARD APPARENT ROTATION  
 (9) UNKNOWN

## COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION  
 (1) LEFT APPARENT ROTATION  
 (2) RIGHT APPARENT ROTATION  
 (9) UNKNOWN

## STEERING WHEEL (CONTINUED)

## STEERING WHEEL HUB DAMAGE

- (0) NONE  
 (1) OCCUPANT CONTACT  
 (2) AIRBAG  
 (3) OTHER \_\_\_\_\_  
 (9) UNKNOWN

  
33

8 8  
 23 24

8 8 8  
 25 27

8 8 8  
 28 30

31

32

**This page left intentionally blank.**

1 = Definitely 2 = Probably 3 = Possible

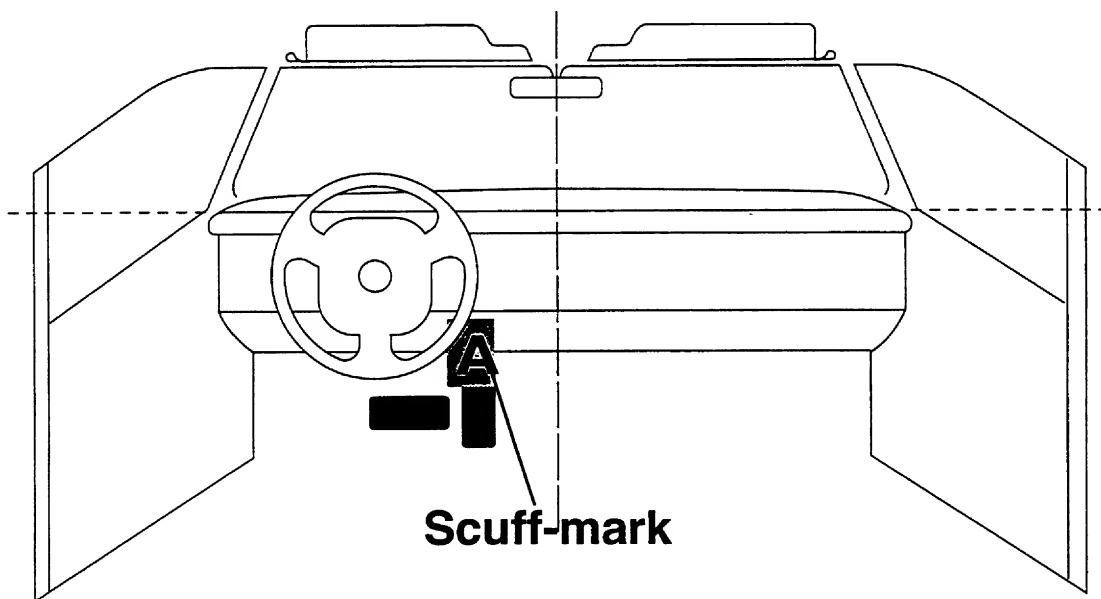
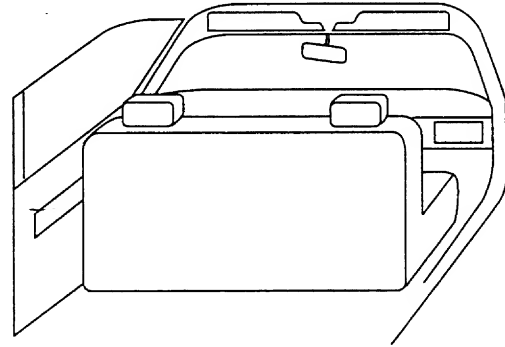
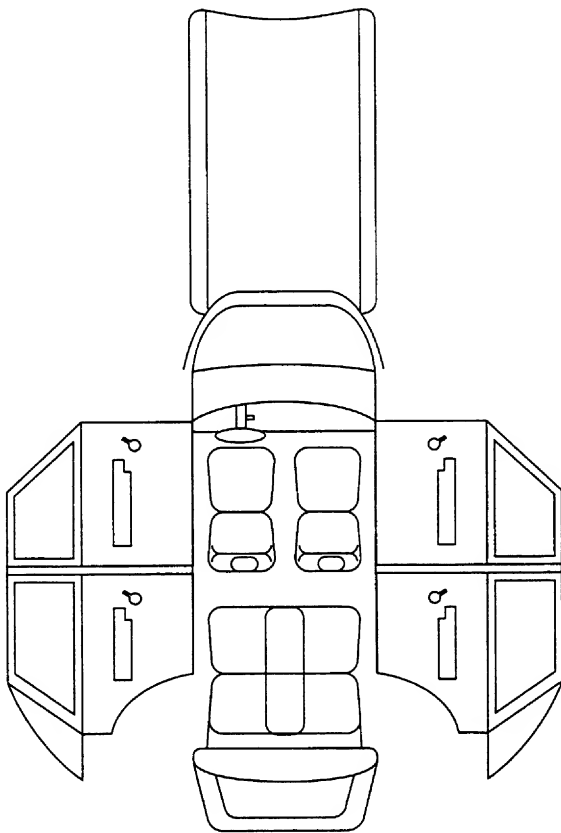
## INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
			–	–	=	
	<b>None</b>		–		=	
	<b>Apparent</b>		–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

## OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	knee	Scuff-mark	2
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					

VEHICLE OCCUPANT CONTACT DIAGRAM



## CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

## FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

## SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- |                          |                  |                         |   |
|--------------------------|------------------|-------------------------|---|
| (1) LEFT                 | (3) RIGHT        | .....                   | INDIVIDUAL SEAT                               |
| (1) LEFT                 | (2) CENTER       | (3) RIGHT               | ..... BENCH: FULL WIDTH 3 PASSENGER           |
| (1) LEFT                 | (2) LEFT CENTER  | (6) RIGHT CENTER        | (3) RIGHT ..... BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT                 | (2) CENTER       | (5) RIGHT & AISLE SPACE | ..... BENCH: PARTIAL WIDTH, LEFT              |
| (0) LEFT & SPACE         | (2) CENTER       | (5) RIGHT & SPACE       | ..... BENCH: PARTIAL WIDTH, CENTERED          |
| (4) ENTIRE VEHICLE WIDTH | ..... CARGO AREA |                         |   |

## EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR  
5 PASSENGERS

X	X	11	13
X	X	X	21 22 23

VAN  
12 PASSENGER CAPACITY

X	X	11	13
X	X	X	21 22 25
X	X	X	31 32 35
X	X	X	X 41 42 46 43

## CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)  
 (Y) Y-AXIS (LATERAL)  
 (Z) Z-AXIS (VERTICAL)

## CODES FOR COLUMNS G, H, I &amp; J, OCCUPANT &amp; INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT





## CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

## INDIVIDUAL COMPONENT

## INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/  
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

## EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER  
COMPARTMENT BUT PART  
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,  
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

## GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS  
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- (50) WINDSHIELD HEADER
  - A-PILLAR
  - ROOF SIDE RAIL
- (51) INSTRUMENT PANEL
  - A-PILLAR
  - DOOR PANEL
- (52) INSTRUMENT PANEL
  - A-PILLAR
  - WINDSHIELD HEADER
- (53) DOOR PANEL
  - B-PILLAR
  - ROOF RAIL
- (54) DOOR PANEL
  - A-PILLAR
  - ROOF RAIL
- (55) INSTRUMENT PANEL
  - FLOOR PAN
  - A-PILLAR
  - DOOR FRAME
- (56) ROOF RAIL
  - A-PILLAR
  - B-PILLAR
  - WINDOW FRAME
- (57) ROOF RAIL
  - A-PILLAR
  - B-PILLAR
  - C-PILLAR
  - DOOR PANEL
- (58) ROOF
  - ROOF RAIL
  - WINDOW FRAME
  - DOOR PANEL
- (59) BACKLIGHT HEADER
  - ROOF
  - C-PILLAR
  - THIRD SEAT-BACK
- (60) ROOF
  - ROOF RAIL
  - A-PILLAR
  - B-PILLAR
  - C-PILLAR
  - WINDOW FRAME
  - DOOR PANEL
  - FLOOR PAN
- (61) INSTRUMENT PANEL
  - TOE PAN
  - WINDSHIELD HEADER
  - A-PILLAR
  - ROOF RAIL
  - WINDOW FRAME
  - DOOR PANEL
  - ROOF
- (62) ROOF
  - ROOF RAIL
  - C-PILLAR
  - WINDOW FRAME
  - FLOOR PAN
  - SECOND SEAT
  - DOOR PANEL
- (63) ROOF RAIL
  - ROOF
  - B-PILLAR
  - WINDOW FRAME
  - FLOOR PAN
  - DOOR PANEL
  - SECOND SEAT
  - FRONT SEAT
- (64) ROOF RAIL
  - ROOF OR CONVERTIBLE TOP
  - A-PILLAR
  - B-PILLAR
  - WINDOW FRAME
  - WINDOW HEADER
- (65) WINDSHIELD
  - WINDSHIELD HEADER
  - ROOF SIDE RAIL
- (66) WINDSHIELD
  - WINDSHIELD HEADER
  - A-PILLAR
- (98) NOT APPLICABLE
- (99) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module I T Format 0 1  
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 0

13

WAS INTRUSION CATASTROPHIC? 14

14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.  
(1) YES ANSWER NEXT QUESTION.  
(9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.  
(1) YES SKIP PAGE.

Duplicate columns 1-8  
from the previous card.

Module I T Format 0 2  
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS *CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.*  
*CODES FOR B, F, G, H, I, J ON PAGE IT-3*  
*CODES FOR C ON PAGE IT-4*

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0</u> <u>1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0</u> <u>2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0</u> <u>3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0</u> <u>4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0</u> <u>5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0</u> <u>6</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0</u> <u>7</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8  
from the previous card.

Module I T Format 0 3  
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,  
SKIP REMAINDER OF PAGE.

SIDE DOOR INTRUSION  
RESULTED FROM

INTRUSION NUMBER	CAUSE	CODES FOR CAUSE:
13 —	15 —	(1) DIRECT IMPACT
16 —	18 —	(2) INDUCED DAMAGE
19 —	21 —	(9) UNKNOWN

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED  
DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A — — 22 23	—	— 25	(0) NONE
B — — 26 27	—	— 29	(1) A-PILLAR
C — — 30 31	—	— 33	(2) B-PILLAR
D — — 34 35	—	— 37	(3) C-PILLAR
			(4) LATCH/STRIKER
			(5) HINGES
			(7) OTHER: —
			(8) NOT APPLICABLE
			(9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module 1 T Format 0 2  
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 8</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 9</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 0</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 6</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 7</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 8</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 9</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 0</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —

Duplicate columns 1-8  
from the previous card.

Module I D Format 0 1  
9 10 11 12

# INTERIOR DAMAGE

ID-1

## CODES:

- (0) NO  
(1) YES  
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT  
(8) NOT APPLICABLE  
(9) UNKNOWN

	LEFT	RIGHT				
<b>SIDES</b>			<b>FRONT</b>		<b>INSTRUMENT PANEL</b>	
FRONT DOOR	13	14	FOOT CONTROLS	45	UPPER PANEL	55
FRONT HARDWARE	15	16	IGNITION KEYS	46	MID PANEL	56
FRONT ARMREST	17	18	REAR VIEW MIRROR	47	LOWER PANEL	57
FRONT GLASS	19	20	SUNVISOR/FITTINGS	48	ASHTRAY	58
REAR DOOR AREA	21	22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	59
REAR HARDWARE	23	24	WINDSHIELD TOP MOLDINGS	49	GLOVE COMPARTMENT AREA	60
REAR ARMREST	25	26	LEFT A-PILLAR (UPPER OR LOWER)	50	INSTRUMENTS	61
REAR GLASS	27	28	RIGHT A-PILLAR (UPPER OR LOWER)	51	PARKING BRAKE RELEASE	62
ROOF SIDE RAIL	29	30	CENTER CONSOLE	52	PARKING BRAKE PEDAL	63
B-PILLAR	31	32	TRANSMISSION SELECTOR LEVER	53	A/C OR UPPER VENT OUTLETS	64
C-PILLAR	33	34	RIM, HORN, SPOKE	54	HEATER OR A/C DUCTS	65
D-PILLAR	35	36			RADIO	66
HEADLINING	37	38			OTHER: * _____	67
ROOF STRUCTURE	39	40				
T-ROOF/SUN ROOF	41	42				
OTHER: * _____	43	44			<b>REAR</b>	
					WINDOW	68
					WINDOW HEADER	69
					<b>CONSOLES</b>	
					VERTICAL	70
					ROOF	71

\* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8  
from the previous card.

Module S T Format 0 2  
9 10 11 12

# SEATS

ST-1

FRONT SEAT		DRIVER	PASSENGER	FRONT SEAT-BACK		DRIVER	PASSENGER
<b>TYPE OF FRONT SEAT</b> (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		<u>05</u> 13 14	<u>05</u> 15 16	<b>SEAT-BACK TYPE</b> (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 30	<u>3</u> 31
<b>TYPE OF SEAT MOUNT</b> (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 17	<u>1</u> 18	<b>SEAT-BACK LOCK TYPE</b> (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 32	<u>1</u> 33
<b>SWIVEL MECHANISM EQUIPPED</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 19	<u>0</u> 20	<b>LOCKS HELD</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 34	<u>1</u> 35
<b>ORIGINAL EQUIPMENT SEATS</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 21	<u>1</u> 22	<b>RECLINER MECHANISM HELD</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 36	<u>1</u> 37
<b>CONTACT OF SEAT BY REAR OCCUPANT</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 23	<u>8</u> 24	<b>HEAD RESTRAINT</b> <b>HEAD RESTRAINT TYPE</b> (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 38	<u>1</u> 39
<b>FRONT SEAT DAMAGE</b> (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 25	<u>0</u> 26	<b>REMOVED PRE-CRASH</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 40	<u>0</u> 41
<b>CENTER ARMREST DAMAGED</b> (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		<u>0</u> 27		<b>ADJUSTMENT AT CRASH</b> (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 42	<u>2</u> 43
<b>FRONT SEAT ROTATION</b> (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 28	<u>0</u> 29	<b>HEAD RESTRAINT DAMAGE</b> (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 44	<u>0</u> 45

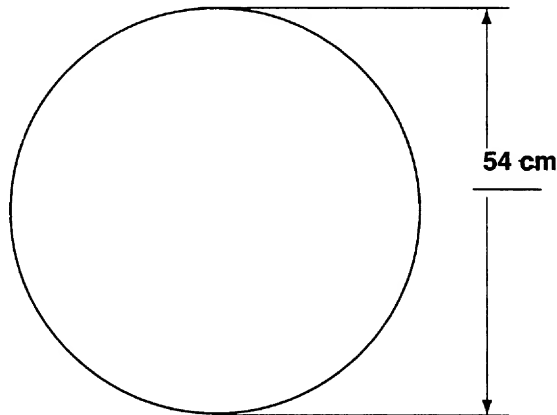
FRONT SEAT ADJUSTMENT		DRIVER	PASSENGER	SECOND SEAT (CONT.)	
<b>SEAT ADJUSTMENT TYPE</b> (0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>1</u> 46	<u>1</u> 47	<b>CENTER ARMREST DAMAGED</b>  (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
<b>ADJUSTMENT PROVIDED</b> (1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 48	<u>2</u> 49	<b>SECOND SEAT-BACK</b>  <b>LOCKS</b>  FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
<b>SEAT ADJUSTER DAMAGE</b> (0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>①</u> 50	<u>①</u> 51	LEFT OR CENTER, EQUIPPED LEFT OR CENTER, HELD (3) SEAT FOLDED DOWN RIGHT, EQUIPPED RIGHT, HELD (3) SEAT FOLDED DOWN	
<b>SEAT ADJUSTER SEPARATION</b> (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>8</u> 53	(0) ① (1) 8 (8) ① (9) 8	
<b>PRE-CRASH POSITION</b> (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 54	<u>3</u> 55	<b>THIRD SEAT</b>  EQUIPPED BACKREST DAMAGED CUSHION DAMAGED	
<b>SECOND SEAT</b>  <b>TYPE OF SECOND SEAT</b> (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		LEFT	RIGHT	(0) ① (1) 8 (8) 8 (9) 8	
<b>SECOND SEAT DAMAGE</b> (0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>①</u> 58	<u>①</u> 59	<b>VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS</b>  (0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN  <i>Applies to any rear-seat position</i>	

<p>DRIVER SIDE</p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p>PASSENGER SIDE</p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p><b>CONDITION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p><b>CONDITION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 18</p>
<p>DRIVER SIDE</p> <p><b>AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 19</p> <p><u>0</u> 20</p>	<p>PASSENGER SIDE</p> <p><b>AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p> <p><i>Cloth transfer?</i></p>	<p><u>1</u> 21</p> <p><u>1</u> 22</p>

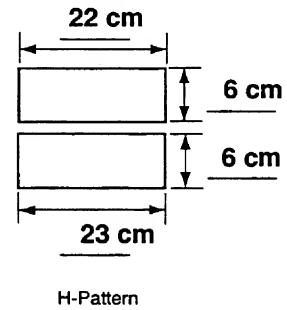
AIRBAG NUMBER ON DRIVER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:

Driver Airbag



Driver Airbag Doors



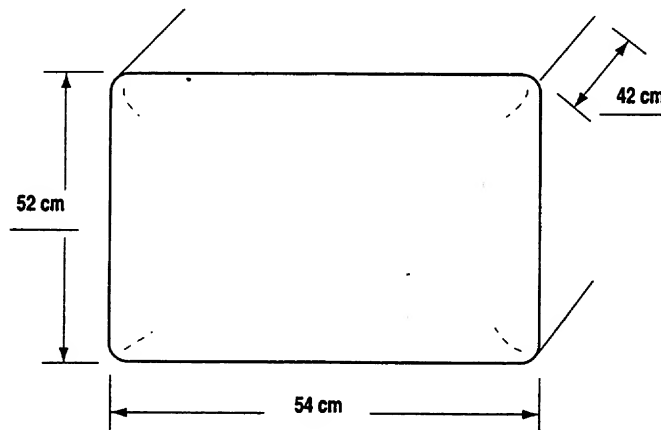
Vents: ☒ Y ☐ N  
if yes, how many: 1

Tethers: ☒ Y ☐ N  
if yes, how many: 2

AIRBAG NUMBER ON PASSENGER SIDE:

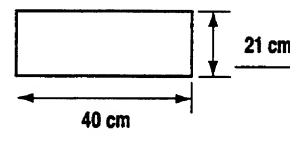
NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:

Passenger Airbag



Passenger Airbag Doors

Single Door



Vents: Y ☒ N  
if yes, how many: \_\_\_\_\_

Tethers: ☒ Y ☐ N  
if yes, how many: 2



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,  
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,  
ARE TO BE FILLED IN  
FOR EACH CASE VEHICLE OCCUPANT,  
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,  
USE ADDITIONAL COPIES  
OF PAGES OC-1, OC-2, OC-3,  
AND IC-2 TO DESCRIBE THEM  
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8  
from the previous card.

Module O C Format 0 2  
9 10 11 12

## OCCUPANT INFORMATION OC-1

### OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

1  
15

### OCCUPANT POSITION

ROW LOCATION

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

1  
16

LATERAL LOCATION

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

1  
17

POSTURE

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

10  
18 19

### PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

22  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

25  
22 23

MASS (kg)

(999) UNKNOWN

085  
24 25 26

HEIGHT (cm)

(999) UNKNOWN

160  
27 28 29

SEX

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

2  
30

### MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

02  
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

02  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

### POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

3  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

88  
41 42

## CHILD SEAT MAKE/MODEL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## RESTRAINT SYSTEM

### ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

3  
37

### ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3  
38

### PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
39

### PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

2  
40

## EJECTION

### DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0  
43

### AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: \_\_\_\_\_
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98  
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE  
IN DETAIL BELOW:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## HEAD RESTRAINT

### HEAD RESTRAINT AVAILABLE FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1  
46

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN



47

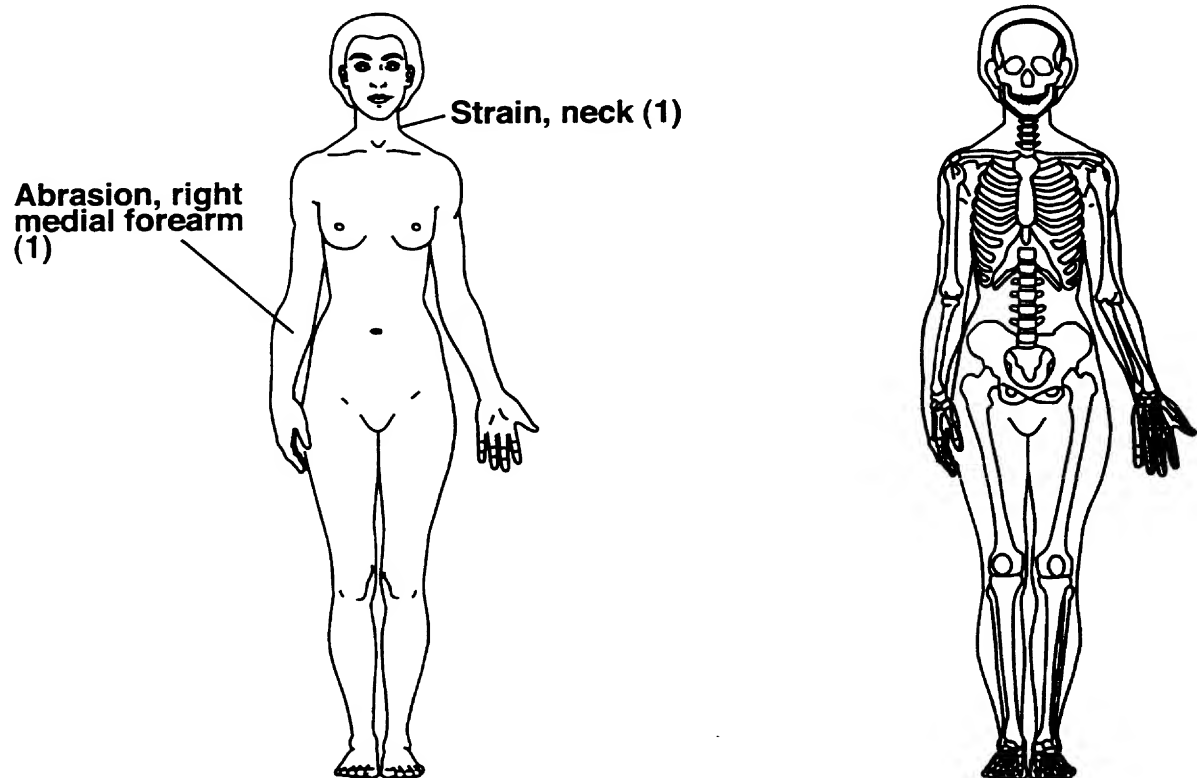
## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN



48

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION [C-1]

**NOTE:** Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

### OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. *OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. *OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

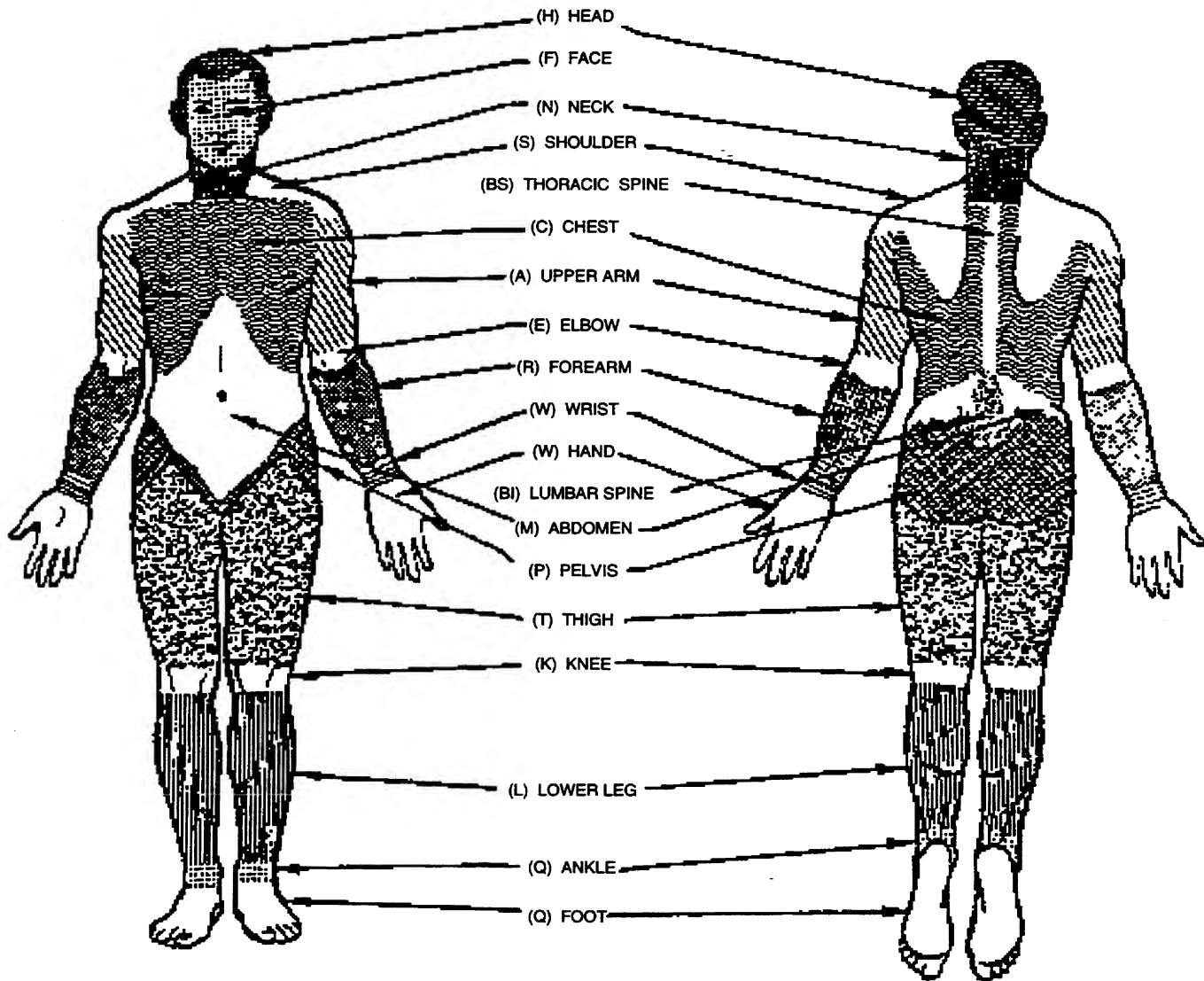
## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (E.G. *FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW  
IS AN EXPLANATION OF THE BODY REGION CODES  
LISTED ON PAGE IC - 4.





## CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

**1 BODY REGION**

(H) HEAD/SKULL  
 (F) FACE  
 (N) NECK  
 (S) SHOULDER  
 (X) UPPER EXTREMITIES  
 (A) ARM (*UPPER*)  
 (E) ELBOW  
 (R) FOREARM  
 (W) WRIST/HAND  
 (C) CHEST  
 (M) ABDOMEN  
 (B) BACK  
 (P) PELVIC/HIP  
 (Y) LOWER EXTREMITIES  
 (T) THIGH  
 (K) KNEE  
 (L) LEG (*LOWER*)  
 (Q) ANKLE/FOOT  
 (O) WHOLE BODY  
 (U) UNKNOWN

**3 LESION**

(L) LACERATION  
 (C) CONTUSION  
 (A) ABRASION  
 (F) FRACTURE  
 (P) PERFORATION,  
 PUNCTURE  
 (K) CONCUSSION  
 (V) AVULSION  
 (R) RUPTURE  
 (S) SPRAIN  
 (D) DISLOCATION  
 (N) CRUSH  
 (M) AMPUTATION  
 (B) BURN  
 (G) DETACHMENT,  
 SEPARATION  
 (Z) FRACTURE AND  
 DISLOCATION  
 (T) STRAIN  
 (E) TOTAL SEVERANCE,  
 TRANSECTION  
 (O) OTHER  
 (U) UNKNOWN

**4 SYSTEM/ORGAN**

(S) SKELETAL  
 (V) VERTEBRAE  
 (J) JOINTS  
 (D) DIGESTIVE  
 (L) LIVER  
 (N) NERVOUS SYSTEM  
 (B) BRAIN  
 (C) SPINAL CORD  
 (E) EARS  
 (O) EYES  
 (A) ARTERIES  
 (H) HEART  
 (Q) SPLEEN  
 (G) UROGENITAL  
 (K) KIDNEYS  
 (R) RESPIRATORY  
 (P) PULMONARY/LUNGS  
 (M) MUSCLES  
 (T) THYROID, OTHER  
 ENDOCRINE GLAND  
 (I) INTEGUMENTARY (*SKIN*)  
 (W) ALL SYSTEMS IN REGION  
 (U) UNKNOWN

**2 ASPECT**

(R) RIGHT  
 (L) LEFT  
 (B) BILATERAL  
 (C) CENTRAL  
 (A) ANTERIOR/FRONT  
 (P) POSTERIOR/BACK  
 (S) SUPERIOR/UPPER  
 (I) INFERIOR/LOWER  
 (W) WHOLE REGION  
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

**5 SEVERITY**  
(OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE  
 (1) MINOR  
 (2) MODERATE  
 (3) SERIOUS  
 (4) SEVERE  
 (5) CRITICAL  
 (6) MAXIMUM  
 (9) UNKNOWN

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

02  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

2  
15

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

OCCUPANT POSITION

ROW LOCATION

1  
16

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

LATERAL LOCATION

5  
17

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

POSTURE

10  
18 19

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

PHYSICAL DESCRIPTION

AGE IN YEARS

35  
20 21

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

AGE IN MONTHS

25  
22 23

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

MASS (kg)

061  
24 25 26

- (999) UNKNOWN

HEIGHT (cm)

168  
27 28 29

- (999) UNKNOWN

SEX

1  
30

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

MEDICAL CONDITIONS

TREATMENT/MORTALITY

02  
31 32

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

INJURY SEVERITY SCORE (ISS)

01  
33 34

- (99) UNKNOWN

NON-IMPACT MED. CONDITIONS

0  
35

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

## MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY  
CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

3  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

88  
41 42

## CHILD SEAT MAKE/MODEL

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## RESTRAINT SYSTEM

## ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

3  
37

## ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3  
38

## PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
39

## PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

2  
40

## EJECTION

## DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0  
43

## AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: \_\_\_\_\_
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98  
44 45
IF OCCUPANT WAS EJECTED, DESCRIBE  
IN DETAIL BELOW:

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## HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE  
FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1  
46

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

0  
47

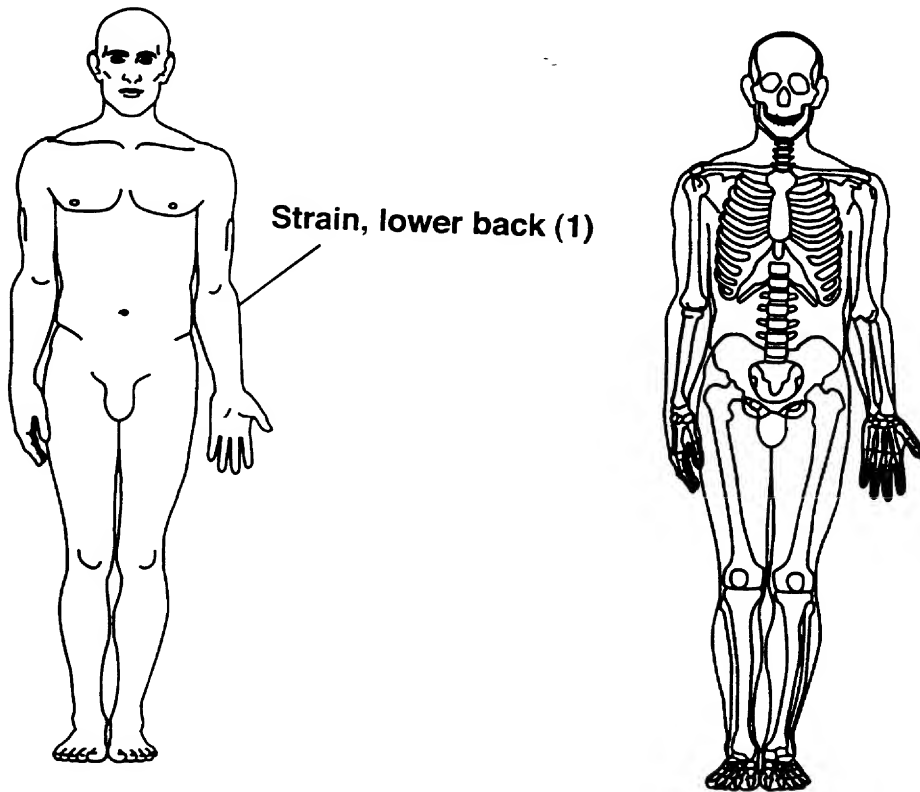
## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOSPY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

Driver

0  
48

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION IC-1

### OCCUPANT INJURY CLASSIFICATION

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## Roof

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Unit ID: 114-20	Unit Name: Daylight
Age: 6 1999 Plymouth	Location: C Street
Type: Street Address Unit	Unit Name: Day
Owner: 22 year-old female	Unit Age: 6 years old

A

North

File

Speed limit 25 mph

Control







PN 21600 #2



PN 21600 #3



PN 21600 #4



PN 21600#5



PN 21800 #8



PN 21600 #7



PN 21600#8



PN21600#9





PN 21600#10



PN21600#11



PN 21800 #12



PN 21600 #13



PN 21600 #14



PN 21600 #15



PN 21800 #16



PN21600#17





PN 21800 #18



PN 21600 #19



PN 21600 #20



PN 21600 #21



PN 21600 #22



PN 21600 #23



PN 21800 #24



PN 21600 #25





PN 21600 #26



PN 21600 #27



PN 21600 #28



PN 21600 #29



PN 21800 #30



PN 21600 #31



PN 21600 #32



PN 21600 #33





PN 21600 #34



PN 21600 #35



PN 21600 #36

PN 21600

PN 21600

PN 21600

PN 21600

PN 21600

PN 21600

PN 21600



PN 21600 #38

1. 1/10/15 - 100% Myositis

1/17/15: Myositis, 4-day setback

2. 2/10/15 - 95% post-viral myositis

2/19/15 - 10/15 - 80%

3/11/15 - 81% leg pain free

3. 3/20/15 - 2 passed back stretch sitting upright

4/1/15 - 4 weeks - 1

